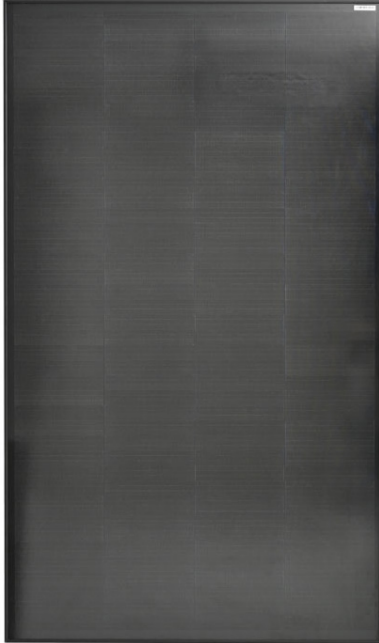


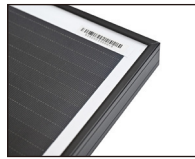
Product Details

# RIGID SOLAR PANEL

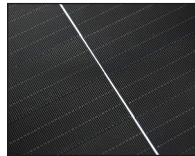
## SGD-M2-250W



MC4

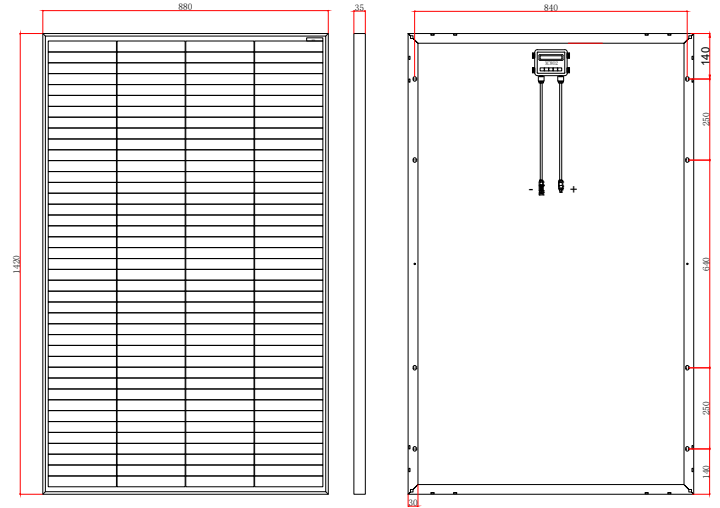


Aluminum frame



Tempered glass

Module Diagram



Electrical Characteristics

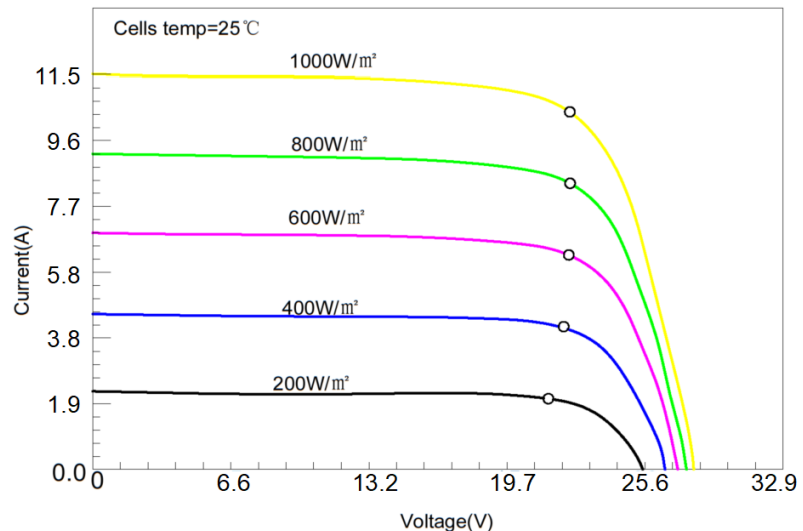
Maximum power(Pmax)	250W
Open-circuit voltage(Voc)	27.6V
Voltage at Pmax(Vmp)	23.4V
Short-circuit current(Isc)	11.32A
Current at Pmax(Imp)	10.69A
Cells Efficiency(%)	22.00%
The maximum system voltage	1000V DC(IEC)
Power temperature coefficient	-0.38%/°C
Voltage temperature coefficient	-0.36%/°C
Current temperature coefficient	0.07%/°C
Output power tolerance	±3%
Operating Temperature	-40°C~85°C

Product Introduction

Zero pitch of solar cells is achieved by adopting Shingled technology. It significantly reduces the package gap and maximizes the use of solar module space. Pre-drilled holes on the back of the panel allow for quick installation and fastening, making it ideal for off-grid applications such as RVs, rooftops, cabins, yachts, etc.

Specifications

Solar cell brand	A grade mono solar cells 210mm
No.of cells and connections	164(3*41)
Module dimension	1420*880*35mm
Weight	13.56KG
Output cable	2*diodes + 900mm/4mm <sup>2</sup> cable+MC4 compatible
Waterproof	IP65
Certifications	CE, ROHS
Warranty	10-year warranty, 25-year service life



\*SUNGOLD offer customize service, please refer to our website or ask SUNGOLD workers for more sizes and the latest parameters.